



Attorney Docket No. AB5428 I1 D1 US  
Client Matter No. 21892.0005.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	10/690,359	Confirmation No.	3862
Inventors:	John C. GERDES, et al.	Title:	NUCLEIC ACID ARCHIVING
Filed:	October 21, 2003		
TC/A.U.	1634		
Examiner:	Ethan C. WHISENANT		
Docket No.	AB5428 I1 D1 US		
Customer No.	25235		

RESPONSE TO NOTICE REGARDING DRAWINGS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

A Notice Regarding Drawings was mailed May 8, 2006, setting a July 8, 2006 due date for providing replacements of certain of the photographs. Enclosed are 21 sheets of formal replacement drawings, enhanced as clearly as possible from available file materials, which are markedly clearer than those originally filed in this case. Although all 21 sheets are enclosed, the "Replacement Sheet" label has been added only to those sheets identified in the Notice of Draftperson's Patent Review Drawing as requiring correction. Although no fee are due, Dep. Acct. No. 50-1123 may be charged any associated fees.

Respectfully submitted,

June 28, 2006

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6-29-06

IF



Attorney Docket No. AB5428 I1 D1 US  
Client Matter No. 21892.0005.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. 10/690,359

Confirmation No. 3862

Inventors: John C. GERDES, et al.

Title: NUCLEIC ACID ARCHIVING

Filed: October 21, 2003

TC/A.U. 1634

Examiner: Ethan C. WHISENANT

Docket No. AB5428 I1 D1 US

Customer No. 25235

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Response to Notice Regarding Drawings;
2. Copy of Notice Regarding Drawings;
3. Replacement Set of Drawings (21 sheets);
4. Return Card, and

this Certificate of Mailing relating to the above application, were deposited as "Express Mail," Mailing Label No. EL890828245US with the U.S. Postal Service, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 28, 2006.

June 28, 2006

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Maller

June 28, 2006

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MAY 12 2006

HOGAN & HARTSON LLC

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/690359</b>	FILING/RECEIPT DATE <b>10/21/2003</b>	FIRST NAMES APPLICANT <b>GERDES, JOHN C.</b>	ATTORNEY DOCKET NUMBER <b>XTR004CIP-DIV</b>
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HOGAN & HARTSON LLP  
ONE TABOR CENTER, SUITE 1500  
1200 SEVENTEENTH ST  
DENVER CO 80202

Examiner  
**WHISENANT ETHAN C**  
Art Unit  
**1634**

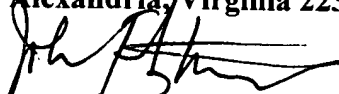
Date Mailed: 5/8/06

## Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 10/21/2003 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

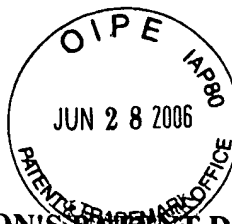
ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review  
RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450



John Fitzhugh

Office Of Patents Publication  
Publishing Division  
703-305-0333 ext-137



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10/21/03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

2. **PHOTOGRAPHS.** 37 CFR 1.84(b)

☒ One (1) full-tone set is required. Fig(s) 5-79/2

☐ Photographs may not be mounted. 37 CFR 1.84(d)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) 17-26

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. **TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2x 11 inches)

☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) ☐ Left (L)

☐ Right (R) ☐ Bottom (B)

6. **VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

9. **SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_

11. **SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☐ Figure legends are poor. Fig(s) \_\_\_\_\_

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

13. **LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. **DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

COMMENTS:

Reviewer [Signature]

If you have questions, call (703) 305-8404.

Date 5/8/06

Attachment to Paper No. \_\_\_\_\_